Solutions in Safe Patient Handling

Tuesday, June 30, 2015
New York Academy of Medicine
Program Summary
This day-long program focuses on the latest evidence-based research, best practices, and practical solutions from around the country on safe patient handling designed to protect health care workers from injury and to ensure quality patient care. Attendees from throughout the metropolitan New York area and the Lower Hudson Valley, as well as other regional professionals, will learn how to create, evaluate, and maintain a program designed for long-term success that complies with the safe patient handling legislation recently passed in New York State. Topics include how to develop a comprehensive safe patient handling program that promotes a strong culture of safety, identifies risks and hazards, incorporates appropriate patient handling equipment and necessary training, and educates both patients and workers on safety. This program offers attendees the opportunity to understand the paradigm shift underway in patient handling and the skills to implement a program in safe patient handling at their own institution.

Background
The Mount Sinai Selikoff Centers for Occupational Health are pleased to convene this conference as part of its ongoing mission to prevent workplace injuries and illnesses. In 2014, the Mount Sinai Selikoff Centers for Occupational Health completed an occupational health-community needs assessment for the New York City and Lower Hudson Valley regions. Health care workers were identified as facing a wide range of occupational hazards. The incident rate for musculoskeletal disorders in 2013 among health care workers (55.3 per 10,000 full-time) was substantially higher than the incident rate for all private industry workers (35.5). The source of nearly all MSDs within health care occupations was caused by patient handling. In 2011, for all of the MSD cases involving patient handling, 98% were the result of overexertion involving an outside source and in 80% of these cases, the injuries included sprains, strains, or tears. In 2012, there were 7,180 MSD cases reported among health care industry workers in New York State alone.

Faculty Disclosure
It is the policy of the Icahn School of Medicine at Mount Sinai to ensure objectivity, balance, independence, transparency, and scientific rigor in all sponsored educational activities. All faculty participating in the planning and implementation of a sponsored activity are expected to disclose to the audience any relevant financial relationships and to assist in resolving any conflict of interest that may arise in the relationship.

Accreditation
This activity has been submitted to The Mount Sinai Hospital, an approved provider of continuing nursing education by the Alabama State Nurses Association, and has been approved to award 5.66 contact hours. Alabama State Nurses Association is accredited as an approver of continuing nursing education by the American Nurses Credentialing Center’s Commission on Accreditation. Contact hours will be awarded upon attendance at entire event and completion and submission of an evaluation. Check with your credentialing body on acceptance of ANCC’s CEUs.

AGENDA

SOLUTIONS IN SAFE PATIENT HANDLING

8:00 a.m. breakfast and registration
Location: President’s Gallery, Ground Floor

9:00 a.m. formal program
Location: Hosack Hall, Ground Floor

Welcome
Madelynn Azar-Cavanagh, MD, MPH, FACOEM, Medical Director, Selikoff Centers for Occupational Health, Icahn School of Medicine at Mount Sinai and Medical Director, Employee Health, Safety and Wellness, Mount Sinai Health System

Roberto Lucchini, MD, Director, Division of Occupational and Environmental Medicine and Professor, Department of Preventive Medicine, Icahn School of Medicine at Mount Sinai

Special Address: Current Trends in Safe Patient Handling – Perspectives from NIOSH
James W. Collins, PhD, MSME, Branch Chief, Analysis and Field Evaluations, Division of Safety Research, National Institute for Occupational Safety and Health (CDC/NIOSH)

9:45 a.m. panel: step-by-step building blocks of a safe patient handling program
Kelly Moed, MSN, RN-BC, CSPHP, Staff Development Instructor, North Shore LIJ – Staten Island University Hospital

Tamara James, MA, CPE, CSPHP, Ergonomics Division Director, Duke University and Health System

Teresa Boynton, MS, OTR, CSPHP, Injury Prevention Specialist and Workers’ Compensation Consultant, Banner Health, Greeley, CO

Moderator: Audrey C. Ludmer, RN, President, NYSNA LBU, and Co-Chair, Safe Patient Handling Committee, The Mount Sinai Hospital

10:45 a.m. Break
11:00 a.m.  

**MORNING CONCURRENT WORKSHOPS**

**Track A: A Functional Approach to Patient Handling Equipment: Analysis, Selection, and its Effective Use**  
Location: 2nd Floor Room 21

**Arlette Loeser**, MA, OTR, CIE/P, CDMS, CLCP, Program Manager, Workplace Ergonomics, Injury Prevention and Accommodation, Mount Sinai Selikoff Centers for Occupational Health  
**Kelly Moed**, MSN, RN-BC, CSPHP, Staff Development Instructor, North Shore LIJ – Staten Island University Hospital  
Facilitator: **Yvonne Guariglia**, Director of Environmental Health and Safety and Co-Chair, Safe Patient Handling Committee, Mount Sinai Roosevelt and Mount Sinai St. Luke’s Hospitals  

OR

**Track B: Proven Strategies for Program Sustainability, Success, and Measuring Outcomes**  
Location: 2nd Floor Room 20

**Teresa Boynton**, MS, OTR, CSPHP, Injury Prevention Specialist and Workers’ Compensation Consultant, Banner Health, Greeley, CO  
**Tamara James**, MA, CPE, CSPHP, Ergonomics Division Director, Duke University and Health System  
Facilitator: **Lavonia Francis**, DNP, RN, NEA-BC, ACNS-BC, Senior Director of Nursing and Co-Chair, Safe Patient Handling Committee, The Mount Sinai Hospital

12:30 p.m.  
**Break**

12:45 p.m.  
**Luncheon**  
Location: 3rd Floor Reading Room

**Welcome**  
**Julia Nicolaou**, MPH, Administrator, Mount Sinai Selikoff Centers for Occupational Health
2:00 p.m.

**AFTERNOON CONCURRENT WORKSHOPS**

**Track A: Proven Strategies for Program Sustainability, Success, and Measuring Outcomes**
Location: 2nd Floor Room 20

Teresa Boynton, MS, OTR, CSPHP, Injury Prevention Specialist and Workers’ Compensation Consultant, Banner Health, Greeley, CO

Tamara James, MA, CPE, CSPHP, Ergonomics Division Director, Duke University and Health System

Facilitator: Ismail Nabeel, MD, MPH, FACOEM, Deputy Medical Director, Mount Sinai Selikoff Centers for Occupational Health and Deputy Medical Director, Employee Health, Safety and Wellness, Mount Sinai Health System

OR

**Track B: A Functional Approach to Patient Handling Equipment: Analysis, Selection, and Its Effective Use**
Location: 2nd Floor Room 21

Arlette Loeser, MA, OTR, CIE/P, CDMS, CLCP, Program Manager, Workplace Ergonomics, Injury Prevention and Accommodation, Mount Sinai Selikoff Centers for Occupational Health

Kelly Moed, MSN, RN-BC, CSPHP, Staff Development Instructor, North Shore LIJ – Staten Island University Hospital

Facilitator: Audrey C. Ludmer, RN, President, NYSNA LBU, and Co-Chair, Safe Patient Handling Committee, The Mount Sinai Hospital
3:30 p.m.          Break

3:45 p.m.          Building a Culture for Linking Patient and Staff Safety for Implementing Safe Patient Handling
                    Location: Hosack Hall, Ground Floor
                    Gail Powell-Cope, ARNP, PhD, FAAN, Tampa Co-Director, VA HSR&D Center of Innovation on Disability and Rehabilitation Research and Team Leader for SPHM, VISN 8 Patient Safety Center of Inquiry

                    Concluding Remarks
                    Lavonia Francis, DNP, RN, NEA-BC, ACNS-BC, Senior Director of Nursing and Co-Chair, Safe Patient Handling Committee, The Mount Sinai Hospital
                    Madelynn Azar-Cavanagh, MD, MPH, FACOEM, Medical Director, Selikoff Centers for Occupational Health, Icahn School of Medicine at Mount Sinai and Medical Director, Employee Health, Safety and Wellness, Mount Sinai Health System

5:00 p.m.          Reception
                    Location: President’s Gallery
**Madelynn Azar-Cavanagh, MD, MPH, FACOEM**

Medical Director, Mount Sinai Selikoff Centers for Occupational Health  
Medical Director, Employee Health, Safety and Wellness, Mount Sinai Health System

Madelynn Azar-Cavanagh, MD, MPH, FACOEM, serves as the Medical Director of Employee Health, Safety and Wellness for the seven hospitals of the Mount Sinai Health System as well as the Medical Director of the four Selikoff Centers for Occupational Health in the Department of Preventive Medicine at the Icahn School of Medicine at Mount Sinai. Dr. Azar-Cavanagh is a highly acclaimed physician who brings an interdisciplinary approach to the prevention, diagnosis, and treatment of occupational injuries and illnesses.

She joined the Mount Sinai team from the University of California in San Diego where she led Employee Health and Wellness for both the UC San Diego Health System and the UC San Diego Campus.

Dr. Azar-Cavanagh was named multiple times as one of San Diego Magazine’s Top Doctors in Occupational Medicine and “America’s Top Physicians” in Occupational Medicine. She also received the “Integrity in Workers’ Comp Award” for California Physicians.

A recognized leader in Occupational and Environmental Medicine, Dr. Azar-Cavanagh is a key advocate for the significant enrichment of workplace safety and employee wellness initiatives throughout the Mount Sinai Health System. To this end, she is collaborating with organizational leadership, Mount Sinai’s vast clinical resources, and others to develop a framework for best practices that improves the overall coordinated health, safety, and wellness of faculty and staff.

**Teresa Boynton, MS, OTR, CSPHP**

Injury Prevention Specialist and Workers’ Compensation Consultant, Banner Health, Greeley, CO

Teresa Boynton is an occupational therapist. Having worked in an outpatient rehab clinic for more than 15 years, she is passionate about preventing employee injuries. For the past 12 years, she has been an ergonomics and injury prevention specialist for Banner Health, involved in implementing and supporting safe patient handling programs for 12 hospitals in seven states. She has served as co-chair of the Banner system Safe Patient Handling and Mobility/Falls Prevention team since 2012.
Along with Banner team members, Ms. Boynton assisted in developing, implementing, and validating a bedside mobility assessment tool for nurses, which is linked to SPHM equipment. In April 2015, she presented at the SPHM conference in Glendale, AZ on the mobility assessment tool, standard of care for bariatric patients, a model for greater involvement of nursing assistants in SPHM, the connection between skin and wound care and SPHM, and program implementation. She is involved with the Association of Safe Patient Handling Professionals and the American Association for Safe Patient Handling and Movement.

James W. Collins, PhD, MSME

Branch Chief, Analysis and Field Evaluations, Division of Safety Research, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health (CDC/NIOSH)

James Collins, PhD, MSME, retired as a Captain in the Public Health Service after 29 years of service. He is currently working as the Branch Chief of the Analytical Epidemiology Branch with the Division of Safety Research at the Centers for Disease Control and Prevention (CDC), National Institute for Occupational Safety and Health. In the 10 years prior to accepting his current position, he served as the Associate Director for Science in the Division of Safety Research. Dr. Collins has 31 years of lab and field research experience with CDC/NIOSH.

Dr. Collins has provided invited testimony on Capitol Hill three times on safe patient lifting research and most recently testified before a Senate subcommittee hearing considering Federal Safe Patient Handling legislation. He was recently interviewed by Daniel Zwerdling with NPR radio on the hazards of nursing back injuries. Dr. Collins received the prestigious James P. Keogh Award for conducting rigorous scientific research to develop “best practice” interventions to prevent patient-lifting and slip, trip, fall, and injuries in health care settings. Dr. Collins is on the editorial board of the Journal of Safe Patient Handling and Mobility and the International Journal of Injury Control and Safety Promotion, and has authored seven book chapters and more than 50 peer-reviewed manuscripts and NIOSH documents.

He earned his PhD in Health Policy and Management and Injury Epidemiology from Johns Hopkins University and his Masters in Mechanical Engineering from West Virginia University and his undergraduate degree in Mechanical Engineering from Georgia Tech.
**Lavonia Francis**, DNP, RN, NEA-BC, ACNS-BC

Senior Director of Nursing, Ambulatory Care and Co-Chair, Safe Patient Handling Committee, The Mount Sinai Hospital

Lavonia Francis, DNP, RN, NEA-BC, ACNS-BC, has more than 37 years of nursing experience. She has held clinical, management, administrative, and teaching positions. She is currently the Senior Director of Nursing for Ambulatory Care at The Mount Sinai Hospital. Dr. Francis is responsible for administration of nursing services and quality and performance improvement in Ambulatory Care. Additionally, she is co-chair for the Safe Patient Handling Committee and the hospital coordinator for the Safe Patient Handling Program. She has co-led several initiatives for the Safe Patient Handling Program including staff education, safety fairs, surveys, presentations, and the development of safe patient handling guidelines.

Dr. Francis received her Doctor of Nursing Practice degree from Case Western Reserve University and Masters of Science in Nursing from Hunter College. She is certified as a Clinical Nurse Specialist in Adult Health and Nursing Executive, Advanced. She is a member of the American Nurses Association, American Association of Nurse Executives, and Sigma Theta Tau International Honor Society of Nursing.

**Yvonne Guariglia**

Director of Environmental Health and Safety and Co-Chair, Safe Patient Handling Committee, Mount Sinai Roosevelt and Mount Sinai St. Luke’s Hospitals

Yvonne Guariglia has served as the Director of Environmental Health and Safety for Mount Sinai Roosevelt and Mount Sinai St. Luke’s for 10 years. She is responsible for compliance with The Joint Commission (TJC), CMS, DOH, OSHA, EPA and other regulatory bodies. Ms. Guariglia previously served as a TJC and CMS consultant for six years with Healthcare & Life Safety Concepts and as a fire protection engineer and loss prevention control specialist for Kemper Insurance Companies. She is a member of the American Society of Safety Engineers and holds a BE degree in Engineering Science from SUNY Stony Brook.
**Arlette Loeser, MA, OTR, CIE/P, CDMS, CAPS, CLCP**  
Program Manager, Workplace Ergonomics, Injury Prevention and Accommodation, Mount Sinai Selikoff Centers for Occupational Health

Arlette Loeser returned to Mount Sinai in 2014, joining the Selikoff Center for Occupational Health to develop and implement the Ergonomics and Injury Prevention program. She has more than 20 years’ experience in the implementation of programmatic initiatives including 10 former years at Mount Sinai, spearheading the Assistive Technology Program and wheelchair seating/mobility programs, as well as working as a corporate consultant in ergonomics.

As an ergonomics expert, Ms. Loeser has advised Fortune 500 companies on structuring and implementing facility design plans, ergonomics, and return-to-work programs. She has worked with individuals from varied professional backgrounds including information technology personnel, journalists, musicians, photographers, security, postal, and shift workers, as well as individuals in health care and manufacturing.

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**Tamara James, MA, CPE, CSPHP**  
MA, CPE, CSPHP, Ergonomics Division Director, Duke University and Health System

Tamara James is the Ergonomics Division Director at Duke University and Health System. Her Division is responsible for hazard evaluation and training of more than 35,000 employees involved in every aspect of a medical and teaching institution. Ms. James is a certified professional ergonomist and a certified safe patient handling professional who received a master’s degree in Human Factors Engineering from George Mason University in Virginia. Her bachelor’s degree is in Industrial Engineering from the University of Iowa.

Ms. James is an Assistant Professor in Community and Family Medicine. She started the ergonomics program at Duke more than 20 years ago and developed and implemented Duke’s safe patient handling (SPH) program during the last 13 years. In 2005, Duke was awarded the Audrey Nelson Best Practices Award for Safe Patient Handling at the National Safe Patient Handling and Movement conference. She served on the board of directors for the Association of Safe Patient Handling Professionals from 2012-2014. She has assisted numerous health care organizations with developing safe patient handling programs and has provided assistance to organizations with ineffective programs. She has published more than 35 peer-reviewed articles in ergonomics-related journals and is currently working with the Veterans’ Administration Patient Safety Center on a publication called “Top 10 Reasons Why Safe Patient Handling Programs Fail.”
Ms. Loeser has spoken nationally and internationally about ergonomics, injury prevention for an aging workforce, work-site accommodation, home safety and fall prevention, and injury and disability management. As a licensed Occupational Therapist, certified Ergonomist, case manager, aging-in-place and accessibility specialist, Ms. Loeser is dedicated to providing practical and relevant programmatic and clinical solutions to build and sustain an injury-free workplace.

**Roberto Lucchini,** **MD**  
**Director, Division of Occupational and Environmental Medicine and Professor of Preventive Medicine, Department of Preventive Medicine, Icahn School of Medicine at Mount Sinai**  

Roberto Lucchini, MD, is a specialist in Occupational Medicine with more than 20 years’ experience at the University of Brescia, Italy, in the clinical diagnosis of work-related diseases, health surveillance, and educational programs for workers exposed to occupational hazards. In January 2012, he joined the Department of Preventive Medicine at the Icahn School of Medicine at Mount Sinai as Director of the Division of Occupational and Environmental Medicine where he also serves as the Director of the WTC Health Program Data Center (WTCHP) and as Director of the NIOSH NY/NJ Education and Research Center.

Dr. Lucchini’s research has focused on the neurotoxicology of manganese, lead, and mercury, and with funding from the EU and NIH/NIEHS, he developed a global assessment of the health effects of lifetime exposure to neurotoxicants from early life to old age. The results of Dr. Lucchini’s studies on manganese exposure have been adopted by Health Canada and the Japanese Ministry of Environment to set new protective standards in 2005 and 2014.

Dr. Lucchini is interested in research on WTC-disaster related health conditions, specifically neuro-cognitive impairment, cancer, and the interaction of comorbidities with the aging of the WTCHP responder population. Under Dr. Lucchini’s leadership, the Division of Occupational and Environmental Medicine is integrating health protection strategies with workplace programs that target both work-related diseases and chronic conditions such as diabetes, cancer, cardiovascular and respiratory diseases. Other research projects are focused on cardiovascular and neurological effects of metal-containing fumes during welding operations, cardiovascular, respiratory, and neurological effects of diesel exposure, and occupational exposure in pregnant women.
**Audrey C. Ludmer, RN**

President, New York State Nurses Association’s Local Bargaining Unit, and Co-Chair, Safe Patient Handling Committee, The Mount Sinai Hospital

Audrey Ludmer, RN, serves as the President of the New York State Nurses Association’s (NYSNA) local bargaining unit at The Mount Sinai Hospital where she is a clinical nurse. Ms. Ludmer has many years of experience in the nursing community locally and nationally, including terms in the American Nurses Association’s House of Delegates and as Secretary of the American Nurses Association’s Political Action Committee. She has been a longtime advocate for the empowerment of nurses in their practice environment. Ms. Ludmer strives to include all members of the health care team in discussion and decision-making.

**Kelly Moed, MSN, RN-BC, CSPHP**

Staff Development Instructor, North Shore LIJ – Staten Island University Hospital

Kelly Moed is a Registered Professional Nurse with more than 30 years’ experience in nursing and more than 20 years as a Hospital Staff Development Instructor with ANCC board certification in Nursing Professional Development. Ms. Moed’s graduate degree research utilization project was successfully used as a proposal for Safe Patient Handling (SPH) Program implementation at North Shore LIJ-Staten Island University (SIUH). Since 2007, she has been co-chair of North Shore LIJ-SIUH SPH/Ergonomics Committee and coordinates the SPH education and training for all levels of staff at SIUH.

For the past six years, Ms. Moed has been a member of the New York State Zero Lift Task Force and has worked as a SPH consultant with the New York Committee for Occupational Safety and Health and other organizations to present and plan numerous SPH conferences and train-the-trainer programs throughout New York State. In 2009, Ms. Moed was one of four nurses selected and trained as an SPH Site Reviewer for the ANA Handle with Care Recognition Program. In 2011, she received the New York State Zero Lift Task Force SPH Advocacy Award and in 2014, she received the designation of Certified Safe Patient Handling Professional by the Association of Safe Patient Handling Professionals.

Ms. Moed is extremely passionate about educating and advocating for SPH for all health care workers. She currently serves as a member of the statewide Safe Patient Handling Workgroup established under the New York State Safe Patient Handling Act of 2014.
Ismail Nabeel, MD, MPH, FACOEM
Deputy Medical Director, Mount Sinai Selikoff Centers for Occupational Health
Deputy Medical Director, Employee Health, Safety and Wellness, Mount Sinai Health System

Ismail Nabeel, MD, MPH, FACOEM, serves as Deputy Medical Director of Employee Health, Safety and Wellness for the Mount Sinai Health System and as Deputy Medical Director of the Mount Sinai Selikoff Centers for Occupational Health, specializing in the prevention, diagnosis, and treatment of work-related injuries and illnesses. He is also an Assistant Professor in the Department of Preventive Medicine at the Icahn School of Medicine at Mount Sinai. Dr. Nabeel has a special interest in information technology and occupational disease surveillance. He served for five years as a Clinical Assistant Professor of Occupational Medicine and Internal Medicine at the Ohio State University Wexner Medical Center. Dr. Nabeel received his medical degree at the Dow University of Health Sciences in Pakistan and holds a MPH in Environmental Health from the University of Minnesota’s School of Public Health. He completed a fellowship in occupational medicine at the Regions Hospital in St. Paul, MN and a residency in internal medicine at the Harlem Hospital Center at Columbia University Hospital. He has been a visiting scholar at Harvard Medical School and a fellow of the American College of Occupational and Environmental Medicine.

Gail Powell-Cope, PhD, ARNP, FAAN
Tampa Site Co-Director, Veterans Affairs Health Services Research and Development’s Center of Innovation on Disability and Rehabilitation Research and Team Leader for SPHM, VISN 8 Patient Safety Center of Inquiry

Gail Powell-Cope, PhD, ARNP, FAAN, serves as Tampa Site Co-Director for the Department of Veterans Affairs Health Services Research & Development’s Center of Innovation on Disability and Rehabilitation Research. She is the Principal Investigator of the Office of Nursing Service/QUERI Partnered Evaluation Center and Section Chief of Rehabilitation Outcomes Research and Research Service, as well as Chief of Nursing Research at the James A. Haley Veterans Hospital. Additionally, she holds Adjunct Faculty positions in the Colleges of Nursing, Public Health, and Engineering at the University of South Florida. She is the Associate Director and Team Leader for Safe Patient Handling at the VISN 8 Patient Safety Center of Inquiry and Co-Director of the Veterans Affairs Interprofessional Fellowship in Patient Safety which is funded by the Office of Academic Affiliations (OAA). Dr. Powell-Cope holds a BSN in Nursing and a MSN/ARNP in Adult Health Nursing from the University of Florida. She received her PhD in Nursing from the University of Washington and completed a Postdoctoral Nursing Research Fellowship at the James A. Haley VAMC.
The Mount Sinai Selikoff Centers for Occupational Health are dedicated to providing cutting-edge clinical services with a focus on prevention to keep workers healthy and their workplaces safe.

Our physicians are leaders in the field of occupational medicine, providing care to injured and ill workers and retirees in the New York City and Lower Hudson Valley regions.

Our highly skilled and multilingual team of physicians, nurse practitioners, industrial hygienists, ergonomists and benefits specialists provide comprehensive patient-centered services. We also help employers evaluate the work environment and establish integrated occupational health protection and health promotion programs to advance the general health and well-being of their entire workforce.

Our medical experts and outreach team members visit organizations, unions, and employers to bring quality training and education programs to the communities serviced by our clinical centers.

Clinical Expertise

- Work-Related Injuries and Illnesses
- Disability Management
- Occupational Infectious Diseases
- Occupational Pulmonary Diseases
- Industrial Toxicology
- Medical Surveillance
- Hearing Conservation

Ancillary Services

- Industrial Hygiene
- Ergonomics
- Social Work & Benefits Counseling
- World Trade Center Health Program services for 9/11 workers and volunteers

For an appointment or more information:
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MANHATTAN 1468 Madison Avenue, Annenberg Building, 3rd Floor, New York, NY 10029
STATEN ISLAND 690 Castleton Avenue, 2nd Floor, Staten Island, NY 10310
MONROE 745 Route 17M, Suite 103, Monroe, NY 10950
YONKERS 1020 Warburton Avenue, Suite 1, Yonkers, NY 10701